

0270

0450



SKJERVEN  
MORRILL  
MACPHERSON LLP

# FACSIMILE COVER SHEET

## FAX RECEIVED

Date: April 13, 2001

APR 13 2001

To:

U.S. Patent and Trademark Office PETITIONS OFFICE

Fax Telephone #: 703-308-6916

Office Telephone #:

From: David W. Heid

Date Sent: 4-13-01

Subject: Abandoned Application

Time Sent: 9:30

Serial No. 09/008,525

Fax Operator: *Henriquez*

Client/File: AB-778 US

This transmittal consists of 23 page(s), including this cover sheet.

## FAX RECEIVED

### Message:

APR 13 2001

Dear Ms. *[REDACTED]*

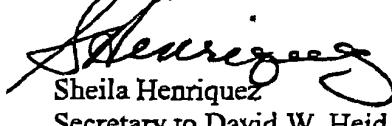
PETITIONS OFFICE

Please let us know the status of application 09/008,525 and let us know of any actions we need to take to continue prosecution.

As we discussed, we received a Notice of Abandonment dated March 26, 1999. Subsequently, a Request for Withdrawal of Holding of Abandonment was filed on April 22, 1999. We then filed a Request for Status of Application on September 20, 1999 and an Information Disclosure Statement on March 21, 2000. These documents are enclosed. For your reference, we are also submitting a Response to a Notice to File Missing Parts that was filed on June 29, 1998. We are also enclosing an Associate Power of Attorney showing Mr. Heid's authority to make this inquiry.

Thank you for your attention to this matter.

Sincerely,



Sheila Henriquez

Secretary to David W. Heid (Reg. No. 25,875)

RECEIVED  
JUN 20 2001  
OJPE/JCW/S

If you do not receive all pages, please call (408) 453-9200



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09/008,525 01/16/98 PARK

FAX RECEIVED

1834-1

0212/0326

APR 13 2001

SAMSUNG ELECTRONICS CO  
1200 NEW HAMPSHIRE AVENUE N W  
SUITE 550  
WASHINGTON DC 20036

NOT ASSIGNED  
PETITIONS OFFICE0000  
DATE MAILED:

03/26/99

**NOTICE OF ABANDONMENT UNDER 37 CFR 1.53(f) or (g)**  
(*Filing Date Granted*)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on April 15, 1998.

No reply was received.

The reply received on \_\_\_\_\_ was untimely.

The reply received on \_\_\_\_\_ was improper. The reply did not include:

- 1. The surcharge under 37 CFR 1.16(e) required for filing the basic filing fee or oath or declaration on a date later than the filing date of a nonprovisional application.
- 2. The surcharge under 37 CFR 1.16(i) required for filing the basic filing fee or cover sheet on a date later than the filing date of a provisional application.
- 3. The full amount of the basic filing fee under 37 CFR 1.16 (a), (f), (g), (k).

(Note: A nonprovisional application may not be relied on for benefits under 35 U.S.C. 120 and 37 CFR 1.78 unless the processing and retention fee set forth in 37 CFR 1.21(l) is paid within the one year period set forth in 37 CFR 1.53(f). A provisional application may not be relied on for benefits under 35 U.S.C. 119(e) and 37 CFR 1.78 unless the basic filing fee is paid).

- 4. The oath or declaration of all the inventors required under 37 CFR 1.63 for this nonprovisional application.

The letter of Express Abandonment filed on \_\_\_\_\_ is acknowledged; however, the application is abandoned for failure to timely or properly reply to the Notice as indicated above.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(c).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(c).

Any questions concerning petitions to revive should be directed to "Office of Petitions" at (703) 305-9282.

DT/11

Final Dec'd on  
status on  
TOS on  
80

4/16/99  
1/16/00  
4/16/98  
4/15/99

**ASSISTANT COMMISSIONER FOR PATENTS**  
**WASHINGTON, D.C. 20231**

Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young;  
 Assignee: Kang, Chang-jin; Jung, Chul; Nam, Seok-woo  
 Title: Samsung Electronics Co., Ltd.  
 Semiconductor Memory Device And Method Of Manufacturing  
 For Preventing Bit Line Oxidation  
 Serial No.: 09/008,525  
 Filed: January 16, 1998  
 Atty Docket No.: AB-778 US

**ENCLOSED:**

1. This Return Receipt Postcard;
2. Request For Withdrawal Of Holding Of Abandonment (2 pages);
3. Transmittal Letter (in duplicate);
4. Copy of Notice of Abandonment; and
5. Copy of Response to Missing Parts (7 pages plus copy of return postcard).

DTM/ct

April 22, 1999

511260 v1

**FAX RECEIVED**

APR 13 2001

**PETITIONS OFFICE**

**ASSISTANT COMMISSIONER FOR PATENTS**  
**WASHINGTON, D.C. 20231**

Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young;  
 Assignee: Kang, Chang-jin; Jung, Chul; Nam, Seok-woo  
 Title: Samsung Electronics Co., Ltd.  
 Semiconductor Memory Device And Method Of Manufacturing  
 For Preventing Bit Line Oxidation  
 Serial No.: 09/008,525  
 Filed: January 16, 1998  
 Atty Docket No.: AB-778 US

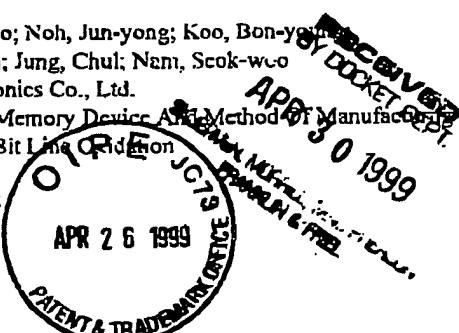
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4. Copy of Notice of Abandonment; and
5. Copy of Response to Missing Parts (7 pages plus copy of return postcard).

DTM/ct

April 22, 1999

511260 v1



Apr-13-01 09:25am From:SKJERVEN MORRILL MACPHERSON

4084537878

T-815 P.006/023 F-756

OTHER OFFICES:  
AUSTIN, TEXAS  
NEWPORT BEACH, CALIFORNIA  
SAN FRANCISCO, CALIFORNIA

SKJERVEN, MORRILL, MacPHERSON, FRANKLIN & FRIEL LLP

25 METRO DRIVE, SUITE 700  
San Jose, California 95110  
(408) 453-9200

FACSIMILE: (408) 453-78

April 22, 1999

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Re: Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;  
Jung, Chul; Nam, Seok-woo  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For  
Preventing Bit Line Oxidation  
Serial No.: 09/008,525 Filed: January 16, 1998  
Examiner: Not Assigned Group Art Unit: 0000  
Docket No.: AB-778 US

FAX RECEIVED

APR 13 2001

Dear Sir:

PETITIONS OFFICE

Transmitted herewith are the following documents in the above-identified application:

- (1) Request for Withdrawal Of Holding Of Abandonment (2 pages);
- (2) Return Postcard;
- (3) this transmittal sheet (in duplicate);
- (4) Copy of Notice of Abandonment (1 page); and
- (5) Copy of Reponse to Missing Parts (7 pages plus copy of return postcard).

No additional fee is required.

Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.

Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on April 22, 1999.

David Millers

Attorney for Applicant(s)

4-22-99

Date of Signature

Respectfully submitted,



David T. Millers  
Attorney for Applicant(s)  
Reg. No. 37,396

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung  
Chul; Nam, Seok-woo  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For Preventing Bit Line Oxidation  
Serial No.: 09/008,525  
Filed: January 16, 1998  
Atty Docket No.: AB-778 US

Postcard;  
page); and  
Application (1 page).

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

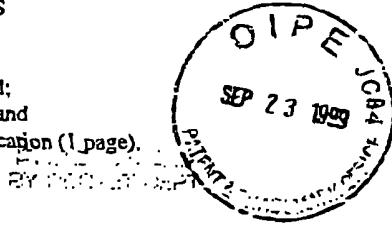
Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung  
Chul; Nam, Seok-woo  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For Preventing Bit Line Oxidation  
Serial No.: 09/008,525  
Filed: January 16, 1998  
Atty Docket No.: AB-778 US

## ENCLOSED:

1. This Return Receipt Postcard;
2. Transmittal Letter (1 page); and
3. Request For Status Of Application (1 page).

DTM/ct  
September 20, 1999  
SSS153 v1

SEP 30 1999



FAX RECEIVED

APR 13 2001

PETITIONS OFFICE

Apr-13-01 09:26am From-SKJERVEN MORRILL MACPHERSON

4084537979

T-815 P.008/023 F-756

OTHER OFFICES:  
AUSTIN, TEXAS  
NEWPORT BEACH, CALIFORNIA  
SAN FRANCISCO, CALIFORNIA

SKJERVEN, MORRILL, MacPHERSON, FRAN

& FRIEL LLP

25 METRO DRIVE, SUITE 700  
San Jose, California 95110  
(408) 453-9200

FACSIMILE: (408) 453-79

September 20, 1999

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Re: Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;  
Jung, Chul; Nam, Seok-woo  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For  
Preventing Bit Line Oxidation  
Serial No.: 09/008,525 Filed: January 16, 1998  
Examiner: Not Assigned Group Art Unit: 2811  
Docket No.: AB-778 US

FAX RECEIVED

Dear Sir:

APR 13 2001

Transmitted herewith are the following documents in the above-identified application: PETITIONS OFFICE

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (1 page); and,
- (3) Request For Status Of Application.

No additional fee is required.

Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on September 20, 1999.

David Millers  
Attorney for Applicants

9-20-99  
Date of Signature

Respectfully submitted,

David Millers  
David T. Millers  
Attorney for Applicants  
Reg. No. 37,396

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung, Chul; Nam, Seok-woo

Assignee: Samsung Electronics Co., Ltd.

Title: SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING FOR PREVENTING BIT LINE OXIDATION

Serial No.: 09/008,525 Filed: January 16, 1998

Examiner: Not Assigned Group Art Unit: 2811

Docket No.: AB-778 US

FAX RECEIVED

San Jose, California  
September 20, 1999

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

APR 13 2001

PETITIONS OFFICE

REQUEST FOR STATUS OF APPLICATION

Sir:

Applicants request a report on the status of the "Request for Withdrawal of the Notice of Abandonment" filed April 22, 1999 in the above-identified patent application and a further report on the status of the application. If a telephone call would expedite this request, please call Attorney for Applicants shown below at (408) 453-9200.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on September 20, 1999.

*David Millers* 9-20-99  
\_\_\_\_\_  
Attorney for Applicants Date of Signature

Respectfully submitted,

*David Millers*

David T. Millers  
Attorney for Applicants  
Reg. No. 37,396

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FILE COPY

Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung, Chul; Nam, Seok-woo  
 Assignee: Samsung Electronics Co., Ltd.  
 Title: Semiconductor Memory Device And Method Of Manufacturing For Preventing Bit Line Oxidation  
 Serial No.: 09/008,525  
 Filed: 01/16/98  
 Atty Docket No.: AB-778 US

## ENCLOSED:

1. This Return Receipt Postcard;
2. Information Disclosure Statement With Certification Under § 1.97(c)(1);
3. PTO Form 1449 – listing 6 cited references (1 page); and,
4. Copies of European Search Report and 6 References.

DTM/ct

March 21, 2000

613292 v1

FAX RECEIVED

APR 13 2001

PETITIONS OFFICE

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin; Jung, Chul; Nam, Seok-woo  
 Assignee: Samsung Electronics Co., Ltd.  
 Title: Semiconductor Memory Device And Method Of Manufacturing For Preventing Bit Line Oxidation  
 Serial No.: 09/008,525  
 Filed: 01/16/98  
 Atty Docket No.: AB-778 US

RECEIVED  
BY DOCKET DEPT.

APR 03 2000

## ENCLOSED:

1. This Return Receipt Postcard;
2. Information Disclosure Statement With Certification Under § 1.97(c)(1);  
SKJERVEN, MORRIL, MACPHERSON,  
FRANKLIN AND FRIEL LLP.
3. PTO Form 1449 – listing 6 cited references (1 page); and,
4. Copies of European Search Report and 6 References.

DTM/ct

March 21, 2000

613292 v1



FAX RECEIVED

APR 13 2001

PETITIONS OFFICE

## PTO RECEIPT FOR INDICATED ITEMS

Appln. No: 09 / 008.525Inventor(s) PARK, Young-woo ,et al.Title: Method for Manufacturing Semiconductor Memory Devices For Preventing Bit-Line Oxidation  
The following is/are enclosed:Atty WLG  
Date 6-29-98  
Ref. No.: 1834-1Amendment# No. of Pages Abstract# No. of Pages Spec and Claims# No. of numbered Claims only# No. Sheets per set Drawings;# 1 Declaration# 1 Assignment# No. of Priority Documents[ ] IDS including PTO-1449 [ ] cited docs.\_\_\_\_\_ Issue Fee Transmittal Form PTOL-85(b)\$ 280 Fee Charge To Deposit Account # 19-0124Other: Notice to File Missing Parts of Application

JUN 29 1998

PATENT & TRADEMARK OFFICE  
1 set Formal  
1 set InformalCURRENT DUE DATE: 6/15/98



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO/TITLE
09/008,525	01/16/98	PARK	Y 1804-1

SAMSUNG ELECTRONICS CO  
1200 NEW HAMPSHIRE AVENUE N W  
SUITE 550  
WASHINGTON DC 20036

0362/0415 FAX RECEIVED

NOT ADDRESSED

APR 13 2001

PETITIONS OFFICE  
DATE MAILED:

04/15/98

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
*Filing Date Granted*

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of  \$65.00 for a small entity in compliance with 37 CFR 1.27, or  \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

*If all required items on this form are filed within the period set above, the total amount owed by applicant as a*  
 **small entity (statement filed)**  **non-small entity is \$ 130.00**.

1. The statutory basic filing fee is:

missing.  
 insufficient.

*Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*

2. Additional claim fees of \$ \_\_\_\_\_, including any multiple dependent claim fees, are required.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for \_\_\_\_\_ dependent claims over 20.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

*Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.*

3. The oath or declaration:

is missing or unexecuted.  
 does not cover the newly submitted items.  
 does not identify the application to which it applies.  
 does not include the city and state or foreign country of applicant's residence.

*An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.*

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

*An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.*

6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

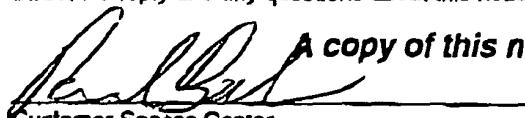
7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application does not comply with the Sequence Rules.

*See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."*

9. OTHER: \_\_\_\_\_

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

  
Customer Service Center

**A copy of this notice MUST be returned with the reply.**



**Response To Notice To File Missing Parts Of Application**  
**Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
 1834-1

In Re Application Of: PARK, Young-woo, et al.

Serial No.	Filing Date	Examiner	Group Art Unit
9008525	1/16/98	Not Assigned	2811

Invention: Method For Manufacturing Semiconductor Memory Device For Preventing Bit Line Oxidation

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

**Box Missing Parts**

The fee of \$240 is to be paid as follows:

A check in the amount of the fee is enclosed.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 19-0124  
 A duplicate copy of this sheet is enclosed.

If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 19-0124  
 A duplicate copy of this sheet is enclosed.

  
 Signature

Dated: June 29, 1998

William L. Geary, Jr.  
 Reg. No. 35,879  
 Samsung Electronics  
 1200 New Hampshire Avenue, N.W.  
 Suite 550  
 Washington, DC 20036

(202) 887-5666

CC:

I certify that this document and fee is being deposited on with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

Apr-13-01 08:28am From:SKJERVEN MORRIL MACPHERSON

408457878

T-815 P.021/023 F-756

COMMISSIONER OF PATENTS & TRADEMARKS  
WASHINGTON, D.C. 20231

Applicants: Young-woo Park; Jun-yong Noh; Bon-young Koo; Chang-jin Kang;  
Chul Jung; Seok-woo Nam  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For  
Preventing Bit Line Oxidation  
Serial No.: 09/008,525  
Filed: January 16, 1998  
Atty Docket No.: AB-778 US

ENCLOSED:

1. Return Receipt Postcard;
2. Associate Power of Attorney (2 pages); and
3. Change of Attorney Docket Number (1 page).

DTM:lo  
January 26, 1999  
487722 v1

FAX RECEIVED

APR 13 2001

PETITIONS OFFICE

COMMISSIONER OF PATENTS & TRADEMARKS  
WASHINGTON, D.C. 20231

Applicants: Young-woo Park; Jun-yong Noh; Bon-young Koo; Chang-jin Kang;  
Chul Jung; Seok-woo Nam  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For  
Preventing Bit Line Oxidation  
Serial No.: 09/008,525  
Filed: January 16, 1998  
Atty Docket No.: AB-778 US

ENCLOSED:

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3. Change of Attorney Docket Number (1 page).

DTM:lo  
January 26, 1999  
487722 v1

